AMENDMENTS TO THE CLAIMS

Claims 1-6 (withdrawn)

7. (original) Polyvinylidene (luoride (PVDF) homopolymer or copolymer comprising sodium acctate, optionally a potassium alkylsulphonate, less than 300 ppm of surface-active additive and chain ends:

originating from the use of the persulphate as initiator.

- 8. (original) PVDF according to Claim 7, in which the surface-active additive is chosen from those of general formula: ZC_nF_{2n}COOM in which Z is a fluorine or chlorine atom, n is an integer with a value from 6 to 13 and M is a hydrogen or alkali metal atom or an ammonium group or an ammonium group comprising at least one lower alkyl substituent
- 9. (original) PVDF according to Claim 7, in which the proportion of sodium acetate is between 50 and 600 ppm with respect to the PVDF.
- 10. (original) PVDF according to Claim 7, in which the potassium alkylsulphonate is chosen from potassium ethylsulphonate, methyl-sulphonate, isopropylsulphonate and n-propylsulphonate.
- 11. (original) PVDF according to Claim 7, in which the proportion of potassium alkylsulphonate is between 0 and 300 ppm with respect to the PVDF.